

CONGESTION CONTROLLER FOR ETHERNET SWITCH

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ABSTRACT OF THE DISCLOSURE

10 The present invention relates to a congestion  
controller, which suppress transmission traffic based on  
a traffic attribute in the event of congestion especially  
in a circumstance in which a plurality of Ethernet  
switches are connected. The congestion controller in the  
Ethernet switch comprises a plurality of transmission  
15 queues having different priority each other, a receiving  
unit for receiving a PAUSE frame, and a restriction unit  
to restrict transmission traffic from the transmission  
queue by the received PAUSE frame, wherein  
the restriction unit restricts the transmission traffic  
from a transmission queue of lowest priority by a PAUSE  
20 frame received at a time other than a PAUSE time and  
suppresses transmission traffic from a transmission queue  
of highest priority by a PAUSE frame received during the  
PAUSE time.